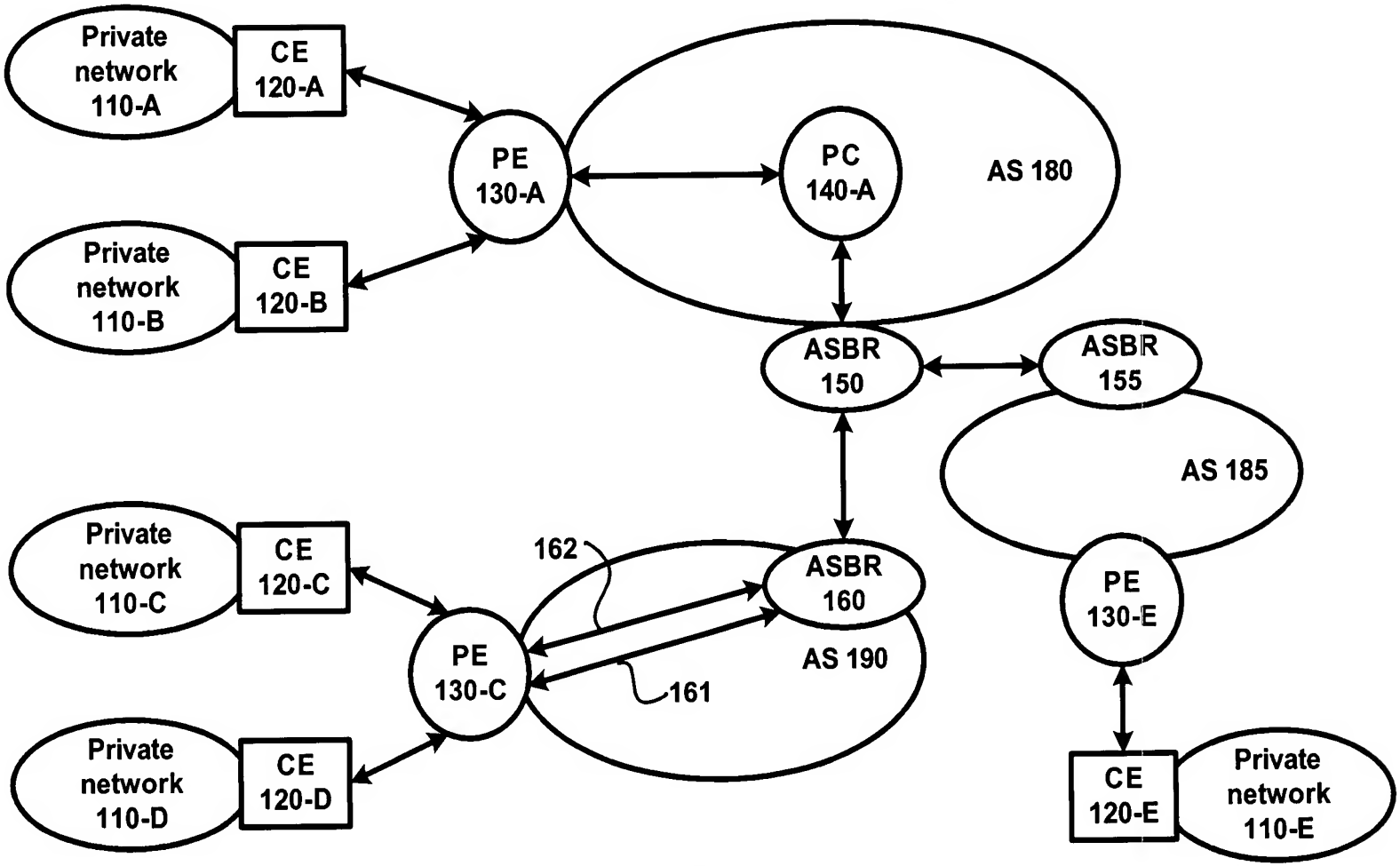
Private network 110-A
CE 120-A
PE 130-A
PC 140-A
AS 180
Private network 110-B
CE 120-B
ASBR 150
ASBR 155
AS 185
Private network 110-C
CE 120-C
162
ASBR 160
PE 130-E
PE 130-C
AS 190
161
Private network 110-D
CE 120-D
CE 120-E
Private network 110-E

FIG. 1

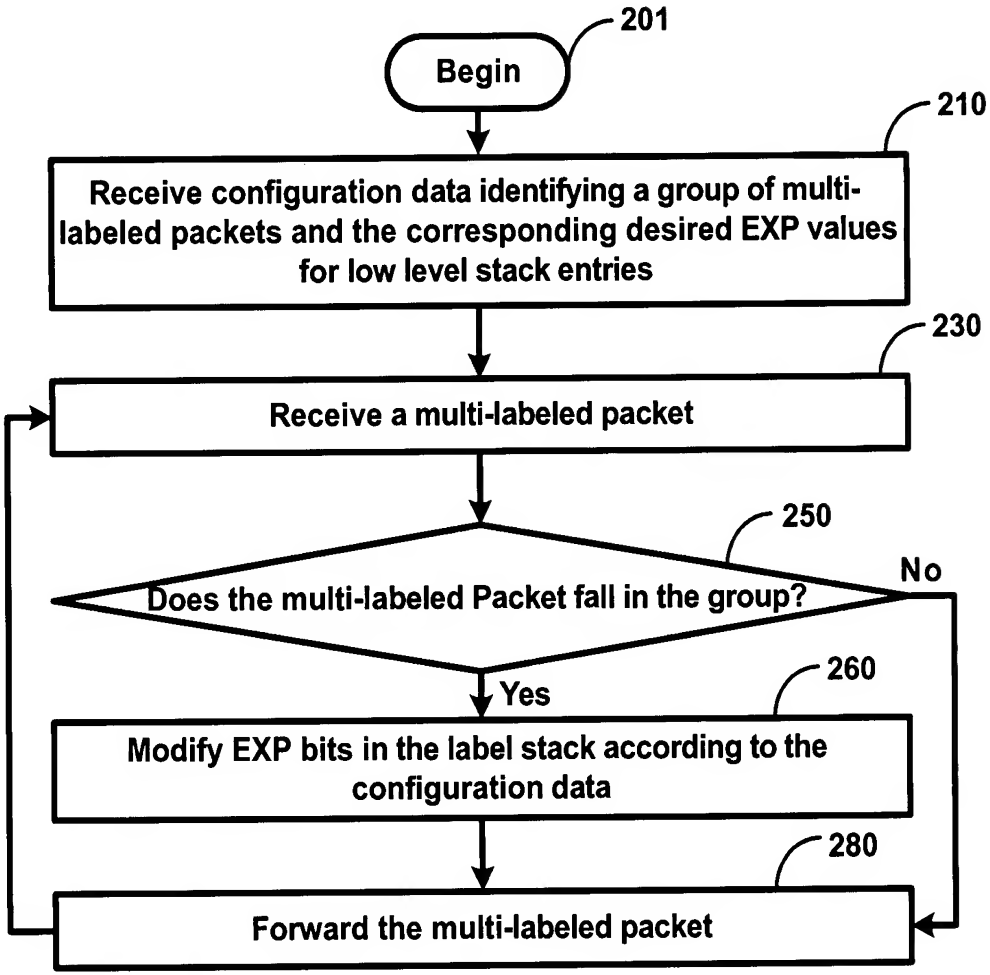
201
Begin
210
Receive configuration data identifying a group of multi-labeled packets and the corresponding desired EXP values for low level stack entries
230
Receive a multi-labeled packet
250
Does the multi-labeled Packet fall in the group?
No
Yes
260
Modify EXP bits in the label stack according to the configuration data
280
Forward the multi-labeled packet

FIG. 2

```
310: class-map  c-name
315:          match mpls exp label  2 3

325: policy-map p-name
330:          class c-name
335:          set mpls exp label * 5

340: Interface Serial0/0
345:          service-policy output p-name
```

FIG. 3A

```
350: class-map  d-name
355:          match mpls exp label  1  7

365: policy-map q-name
370:          class d-name
375:          set mpls exp label  1 4
380:          set mpls exp label  2 6

390: Interface Serial1/1
395:          service-policy output q-name
```

FIG. 3B

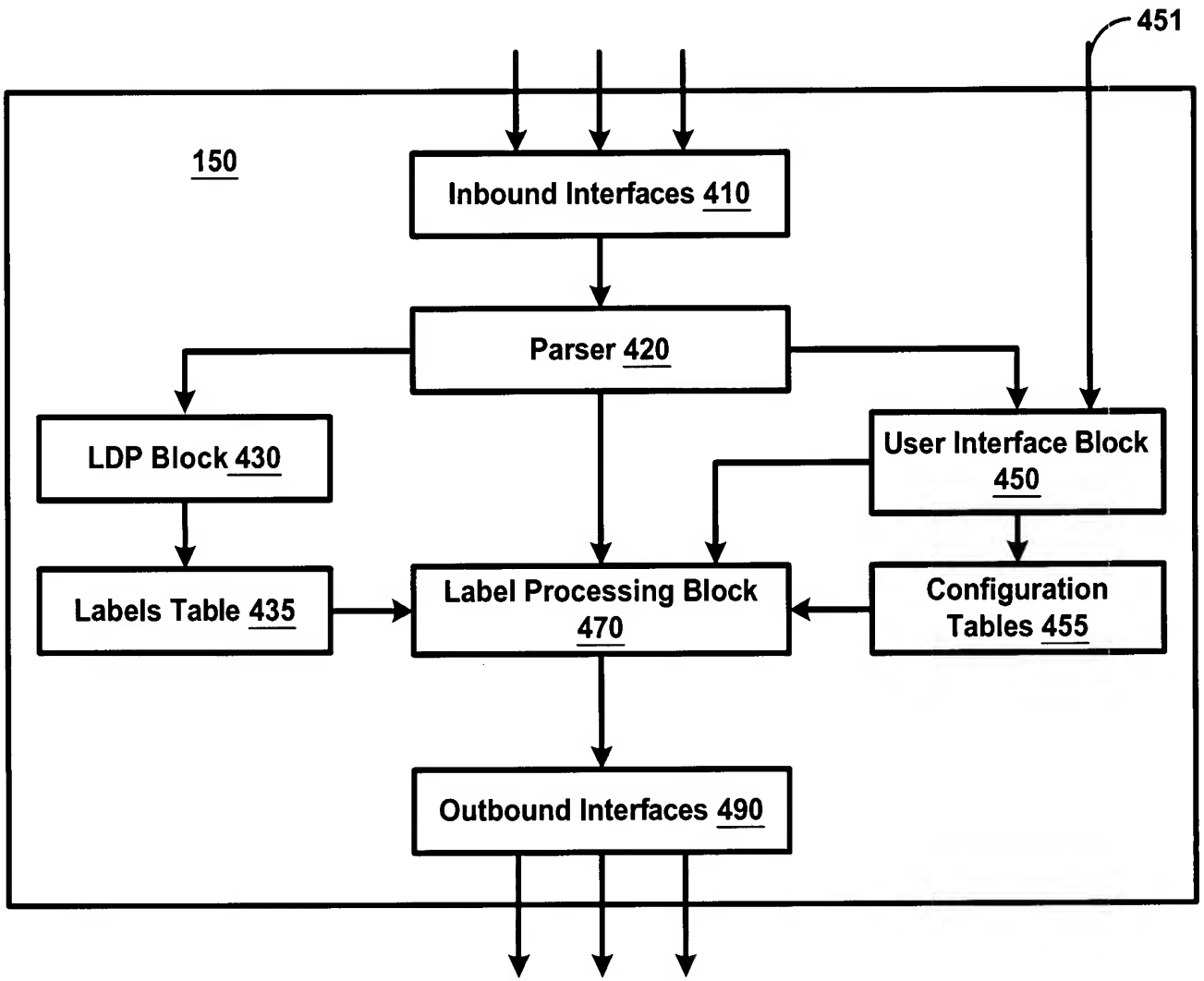
451
150
Inbound Interfaces 410
Parser 420
LDP Block 430
User Interface Block 450
Labels Table 435
Label Processing Block 470
Configuration Tables 455
Outbound Interfaces 490

FIG. 4

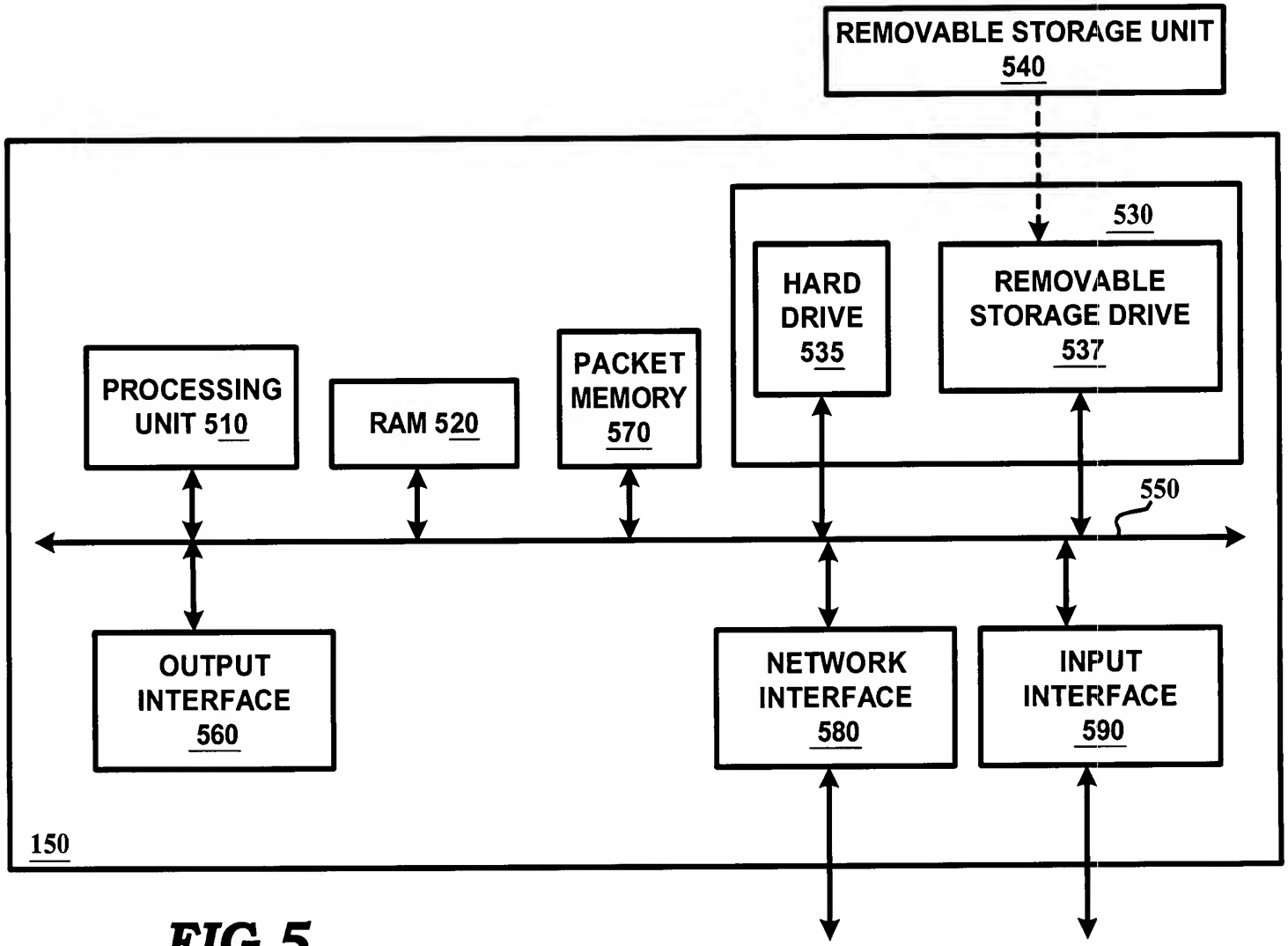
REMOVABLE STORAGE UNIT
540
530
HARD
DRIVE
535
REMOVABLE
STORAGE DRIVE
537
PROCESSING
UNIT 510
RAM 520
PACKET
MEMORY
570
550
OUTPUT
INTERFACE
560
NETWORK
INTERFACE
580
INPUT
INTERFACE
590
150

FIG. 5